



Fall 2010 Professional Development For **IMPACT-Continuation High Schools**

(Asheville, SILSA, AL Brown, Asheboro, Pamlico, and Perquimans)

Each IMPACT high school has been asked to share their PD needs with the FI. The fall PD opportunities have been developed based on cross-site review of these needs to date. We will review the Professional Development needs that emerge and continue to define ways to accommodate them.

The following professional development opportunities through the Friday Institute are labeled Novice (N), Intermediate (I), or Advanced (A) in order to ensure that all teachers have access to appropriate professional development. We hope that over the course of the IMPACT-PD initiative, teachers will progress along this continuum and will begin to provide more opportunities for Advanced users. We will be using the following definitions of these terms:

Novice: I am learning how to use new programs and Web 2.0 tools and am just beginning to integrate these tools into my instructional practice.

Intermediate: I am able to *innovate* using programs and Web 2.0 tools in order to augment my classroom instructional practice.

Advanced: I am effectively leveraging programs and Web 2.0 tools to *create* rigorous instructional lessons.

Face-to-Face Professional Development

Technology Leaders Institute (I)

October 13-14, 2010

This institute will be open to Instructional Technology Facilitators (ITF) and Media Coordinators (MC) and will address topics that have been identified by IMPACT high schools that have shared current needs. *This will be a working institute.* The goals of this institute will include:

- Sharing strategies and resources for success in the ITF and MC role;
- Providing updates and hands-on explorations of new tools and resources that can be used by teachers;
- Preparing the ITFs and MCs to implement professional development programs in their own schools/districts to introduce teachers to the use of Web 2.0 tools and other emerging technologies in the classroom;
- Preparing the ITFs and MCs to support teacher and administrator involvement in online professional development activities; and
- Providing sharing and networking opportunities to begin fostering a professional learning community in which ITFs and MCs with different areas of expertise can support each other across districts.

Logistics:

- Breakfast, lunch and snacks will be provided for both days.
- Schools will be responsible for travel and lodging.
- We will reserve a block of rooms at the Holiday Inn Express and forward those details to you closer to the event.

Leading Teacher Innovation in a 1:1 Classroom (N) (8:00-4:00pm)

Social Studies	October 25-26, 2010
Science	October 27-28, 2010
English	November 1-2, 2010
Math	November 3-4, 2010 (ends at 2:30 pm on 11/4)

Host School: Asheboro High School

During these face-to-face workshops teachers will be prepared to leverage web based tools and resources in their content areas. Teachers will begin with the end in mind: by experiencing a 1:1 classroom where project based learning and best practices in 1:1 teaching and learning is modeled and then have the opportunity to develop their own lesson plans with guidance and support from a seasoned facilitator. These workshops will include many activities, opportunities for collaboration, and time for discussion designed to support each of the following goals:

- Provide teachers with a deeper understanding of the intersection of curricular standards and sound 1:1 pedagogy through the use of 21st century tools;
- Explore opportunities and options for utilizing different forms of assessment in a 1:1 classroom;
- Experiment with content-specific/appropriate technology tools; and
- Support teachers in creating a student-centered 1:1 lesson.

Logistics:

- Need to commit to attending both days (8:00am to 4:00pm)
- Need minimum of 10 teachers per content area (across the 6 IMPACT-C high schools); maximum of 30 participants.
- Teachers who attended the 2010 Summer Leadership Institute should *not* attend these sessions. The intent with these sessions is to provide a repeat opportunity for a wider group of teachers.
- You will be responsible for your own substitute teachers as well as your own lunch and travel expenses. Light snacks will be provided.
- Registration information will be available the week of September 6th.

Winter Leadership Institute

December 8-9, 2010

School and District leaders play an integral role in the success of 1:1 initiatives. During this Institute principals, assistant principals, superintendents, and technology directors will have the opportunity to:

- Explore the role of educational leadership and specific leadership characteristics that support innovation and 1:1 programs; and
- Share lessons learned on how to prepare and support teachers, instructional technology facilitators, and technology directors to succeed in a 21st century, technology rich, 1:1 environment.

Online Professional Development

Discovering Linear Functions through Technology (I)

Functions play a vital role in Algebra I and beyond. At the same time, the term “function” can often be mysterious and confusing to students as they begin learning algebra.

This course will help you learn to integrate technology into the teaching of functions to help remove the mystery and engage students in deeper understanding of this important concept. Technologies will range from online virtual manipulatives to software like dynamic geometry programs and spreadsheet programs. You will be engaged in individual activities, discussions, and group activities throughout this course. All activities will be graded as complete/incomplete. Participation will be a vital part of this course.

DATE: September 22 - November 9, 2010

(15 participant minimum required)

English I and Web 2.0 Tools in 1:1 Technology Settings (I)

Constant access to technology and information creates unique instructional settings where teachers’ professional knowledge must make pedagogical shifts to promote student learning that is dynamic, collaborative, and meets the demands of the 21st century. Teachers may find themselves facing technology-robust educational settings that require distinctive professional knowledge to effectively leverage ever increasing technologies, such as Web 2.0 Tools, mobile learning devices and the Internet. In this course participants will be exposed to many of the freely available tools on the Web and will get the chance to experiment with new tools each week to develop lessons that correspond to the 6 strands in English I North Carolina Standard Course of Study (NCSCOS). Discussions will help participants focus on how these tools, along with new professional knowledge, can be integrated into the 1:1 classroom to make the most of their potential to enhance student learning. Participants will also learn about emerging professional knowledge domains: technology, pedagogy, content, and the combination of each of these areas.

DATE: September 22 - November 9, 2010

(15 participant minimum required)

Getting Started in the 1:1 Classroom (N)

This workshop is designed to help teachers launch an effective technology integration approach where teaching and learning is enhanced by a 1:1 ratio of students and computers. Leveraging technology in a 1:1 classroom can create a totally new and exciting learning experience for students as well as instructors but requires a shift in classroom practice. Many teachers in 1:1 classrooms have commented that ubiquitous computing (as 1:1 is sometimes called) changes everything within the classroom- teaching practice and pedagogy, student interaction, classroom organization, etc. In this workshop six aspects of getting started in a 1:1 classroom will be explored: classroom set-up/ instructional practices, safety and ethics/classroom acceptable use policies, copyright and fair use law as it applies to a 1:1 classroom, basic research methods using the Internet, designing lessons for a 1:1 classroom, and basic assessment in a ubiquitous computing environment.

DATE: September 22 - November 9, 2010 (for Asheboro and Perquimans)
Additional Sections available by request (15 participant minimum required)

Learning and Teaching with Web 2.0 Tools (N)

In this workshop, participants will be exposed to many of the tools of the read/write web and will get the chance to experiment with new tools each week. Discussions will focus on how educators can integrate these tools into their classroom to enhance student learning, as well as how to help students use these new tools safely.

(By request - 15 participant minimum required)

Customized Webinars (N, I or A)

Webinars are an expedient vehicle to share expertise and advice to teachers or administrators in 1:1 initiatives as needed. These can be one-hour live facilitated web-based sessions and address issues essential to a successful 1:1 learning technology implementation. These will be customized “just in time” professional development and we encourage Instructional Technology Facilitators or Media Coordinators at IMPACT high schools to co-facilitate school-based sessions with a FI lead facilitator. This will assist in building local capacity to implement professional development. Topics offered in the past include: Science/Math/English/Social Studies in a 1:1 Classroom: Combining technology, pedagogy and content knowledge in your classroom; Managing Time and Technology on the Block Schedule; Using Google Earth and Google Maps in the

Classroom; Using Google Forms in the 1:1 Classroom; and Integrating Wikis into the 1:1 Classroom.

Please note: Webinars are not designed to be in-depth PD however can be useful as introductory sessions or pre-cursor to online courses.

These will be offered by request only.

Questions?

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